

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/396,539

DATE: 08/21/2000  
TIME: 23:31:44

INPUT SET: S35775.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

- 1
- 2
- 3 (1) General Information:
- 4
- 5 (i) APPLICANT: Palese, Peter
- 6 Garcia-Sastre, Adolfo
- 7
- 8 (ii) TITLE OF INVENTION: RECOMBINANT NEGATIVE STRAND RNA VIRUS
- 9 EXPRESSION SYSTEMS AND VACCINES
- 10
- 11 (iii) NUMBER OF SEQUENCES: 60
- 12
- 13 (iv) CORRESPONDENCE ADDRESS:
- 14 (A) ADDRESSEE: Pennie & Edmonds
- 15 (B) STREET: 1155 Avenue of the Americas
- 16 (C) CITY: New York
- 17 (D) STATE: New York
- 18 (E) COUNTRY: USA
- 19 (F) ZIP: 10036-2711
- 20
- 21 (v) COMPUTER READABLE FORM:
- 22 (A) MEDIUM TYPE: Floppy disk
- 23 (B) COMPUTER: IBM PC compatible
- 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- 25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- 26
- 27 (vi) CURRENT APPLICATION DATA:
- 28 (A) APPLICATION NUMBER: 09/396,539
- 29 (B) FILING DATE:
- 30 (C) CLASSIFICATION:
- 31
- 32
- 33 (vii) PRIOR APPLICATION DATA:
- 34 (A) APPLICATION NUMBER: 08/252,508
- 35 (B) FILING DATE:
- 36
- 37
- 38 (viii) ATTORNEY/AGENT INFORMATION:
- 39 (A) NAME: Coruzzi, Laura A.
- 40 (B) REGISTRATION NUMBER: 30,742
- 41 (C) REFERENCE/DOCKET NUMBER: 7682-034
- 42
- 43 (ix) TELECOMMUNICATION INFORMATION:
- 44 (A) TELEPHONE: (212) 790-9090
- 45 (B) TELEFAX: (212) 869-9741/8864
- 46 (C) TELEX: 66141 PENNIE

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47  
48  
49 (2) INFORMATION FOR SEQ ID NO:1:  
50  
51 (i) SEQUENCE CHARACTERISTICS:  
52 (A) LENGTH: 21 base pairs  
53 (B) TYPE: nucleic acid  
54 (C) STRANDEDNESS: single  
55 (D) TOPOLOGY: linear  
56  
57 (ii) MOLECULE TYPE: DNA  
58  
59  
60  
61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
62  
63 TACGAGGAAA TGTCCTGTT A  
64  
65 (2) INFORMATION FOR SEQ ID NO:2:  
66  
67 (i) SEQUENCE CHARACTERISTICS:  
68 (A) LENGTH: 19 amino acids  
69 (B) TYPE: amino acid  
70 (C) STRANDEDNESS: single  
71 (D) TOPOLOGY: linear  
72  
73 (ii) MOLECULE TYPE: peptide  
74  
75  
76  
77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
78  
79 Gln Leu Val Trp Met Ala Cys Asn Ser Ala Ala Phe Glu Asp Leu Arg  
80 1 5 10 15  
81 Val Leu Ser  
82  
83  
84  
85 (2) INFORMATION FOR SEQ ID NO:3:  
86  
87 (i) SEQUENCE CHARACTERISTICS:  
88 (A) LENGTH: 16 amino acids  
89 (B) TYPE: amino acid  
90 (C) STRANDEDNESS: single  
91 (D) TOPOLOGY: linear  
92  
93 (ii) MOLECULE TYPE: peptide  
94  
95  
96  
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
98  
99 Thr Tyr Gln Arg Thr Arg Gln Leu Val Arg Leu Thr Gly Met Asp Pro

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15

100 1 5 10  
101  
102  
103 (2) INFORMATION FOR SEQ ID NO:4:  
104  
105 (i) SEQUENCE CHARACTERISTICS:  
106 (A) LENGTH: 95 base pairs  
107 (B) TYPE: nucleic acid  
108 (C) STRANDEDNESS: single  
109 (D) TOPOLOGY: linear  
110  
111 (ii) MOLECULE TYPE: DNA  
112  
113  
114  
115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
116  
117 GAAGCTTAAT ACGACTCACT ATAAGTAGAA ACAAGGGTGT TTTTCATAT CATTTAACT 60  
118  
119 TCACCCTGCT TTTGCTGAAT TCATTCTTCT GCAGG 95  
120  
121 (2) INFORMATION FOR SEQ ID NO:5:  
122  
123 (i) SEQUENCE CHARACTERISTICS:  
124 (A) LENGTH: 95 base pairs  
125 (B) TYPE: nucleic acid  
126 (C) STRANDEDNESS: single  
127 (D) TOPOLOGY: linear  
128  
129 (ii) MOLECULE TYPE: DNA  
130  
131  
132  
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
134  
135 GAAGCTTAAT ACGACTCACT ATAAGCAAAA GCAGGGTGAA GTTTAAATGA TATGAAAAAA 60  
136  
137 CACCCTTGTT TCTACTGAAT TCATTCTTCT GCAGG 95  
138  
139 (2) INFORMATION FOR SEQ ID NO:6:  
140  
141 (i) SEQUENCE CHARACTERISTICS:  
142 (A) LENGTH: 68 base pairs  
143 (B) TYPE: nucleic acid  
144 (C) STRANDEDNESS: single  
145 (D) TOPOLOGY: linear  
146  
147 (ii) MOLECULE TYPE: DNA  
148  
149  
150  
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
152

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153 AGCTTAATAC GACTCACTAT AAGATCTATT AAACCTCACC CTGCTTTTGC TGAATTCATT 60  
154  
155 CTTCTGCA  
156  
157 (2) INFORMATION FOR SEQ ID NO:7: 68  
158  
159 (i) SEQUENCE CHARACTERISTICS:  
160 (A) LENGTH: 60 base pairs  
161 (B) TYPE: nucleic acid  
162 (C) STRANDEDNESS: single  
163 (D) TOPOLOGY: linear  
164  
165 (ii) MOLECULE TYPE: DNA  
166  
167  
168  
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
170  
171 GAAGAATGAA TTCAGCAAAA GCAGGGTGAA GTTTAATAGA TCTTATAGTG AGTCGTATTA 60  
172  
173  
174 (2) INFORMATION FOR SEQ ID NO:8:  
175  
176 (i) SEQUENCE CHARACTERISTICS:  
177 (A) LENGTH: 42 base pairs  
178 (B) TYPE: nucleic acid  
179 (C) STRANDEDNESS: single  
180 (D) TOPOLOGY: linear  
181  
182 (ii) MOLECULE TYPE: DNA  
183  
184  
185  
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
187  
188 CCGAATTCTT AATACGACTC ACTATAAGTA GAAACAAGGG TG 42  
189  
190 (2) INFORMATION FOR SEQ ID NO:9:  
191  
192 (i) SEQUENCE CHARACTERISTICS:  
193 (A) LENGTH: 30 base pairs  
194 (B) TYPE: nucleic acid  
195 (C) STRANDEDNESS: single  
196 (D) TOPOLOGY: linear  
197  
198 (ii) MOLECULE TYPE: DNA  
199  
200  
201  
202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
203  
204 CCTCTAGACG CTCGAGAGCA AAAGCAGGTG  
205

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206 (2) INFORMATION FOR SEQ ID NO:10:  
207  
208 (i) SEQUENCE CHARACTERISTICS:  
209 (A) LENGTH: 15 base pairs  
210 (B) TYPE: nucleic acid  
211 (C) STRANDEDNESS: single  
212 (D) TOPOLOGY: unknown  
213  
214 (ii) MOLECULE TYPE: RNA (genomic)  
215  
216  
217  
218 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
219  
220 CACCCUGCUU UUGCU  
221  
222 (2) INFORMATION FOR SEQ ID NO:11:  
223  
224 (i) SEQUENCE CHARACTERISTICS:  
225 (A) LENGTH: 15 base pairs  
226 (B) TYPE: nucleic acid  
227 (C) STRANDEDNESS: single  
228 (D) TOPOLOGY: unknown  
229  
230 (ii) MOLECULE TYPE: RNA  
231  
232  
233  
234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
235  
236 CACCCUGCUU UUACU  
237  
238 (2) INFORMATION FOR SEQ ID NO:12:  
239  
240 (i) SEQUENCE CHARACTERISTICS:  
241 (A) LENGTH: 15 base pairs  
242 (B) TYPE: nucleic acid  
243 (C) STRANDEDNESS: single  
244 (D) TOPOLOGY: unknown  
245  
246 (ii) MOLECULE TYPE: RNA  
247  
248  
249  
250 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:  
25

15

15

252 CACCCUGCUU CUGCU

253

15

254 (2) INFORMATION FOR SEQ ID NO:13:

255

256 (i) SEQUENCE CHARACTERISTICS:

257 (A) LENGTH: 15 base pairs

258 (B) TYPE: nucleic acid